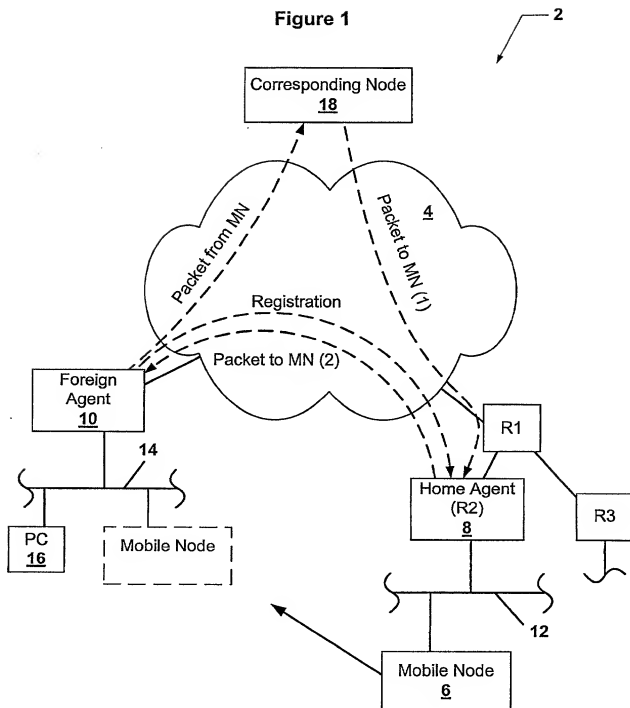


Figure 1



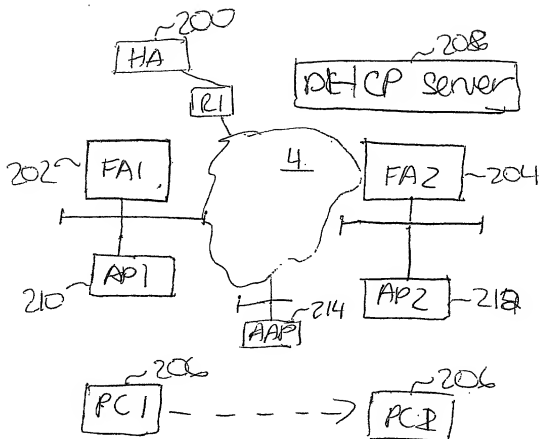


FIG. 2

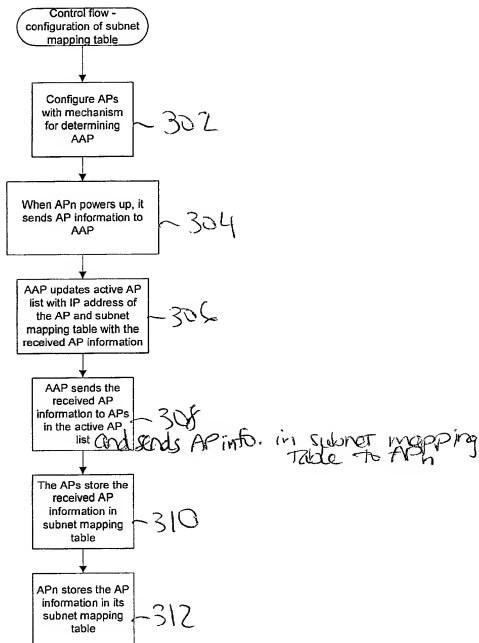


FIG. 3

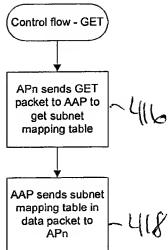
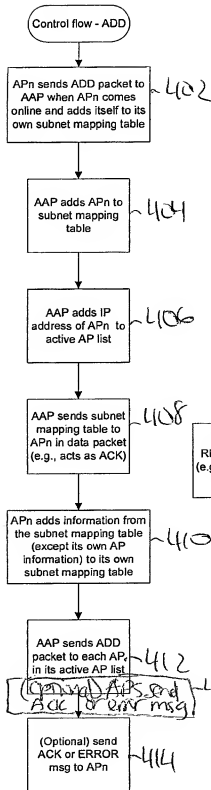
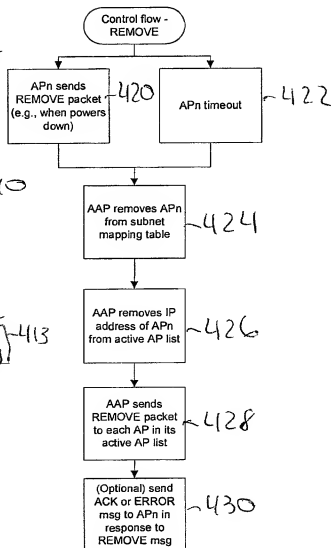


FIG. 4B



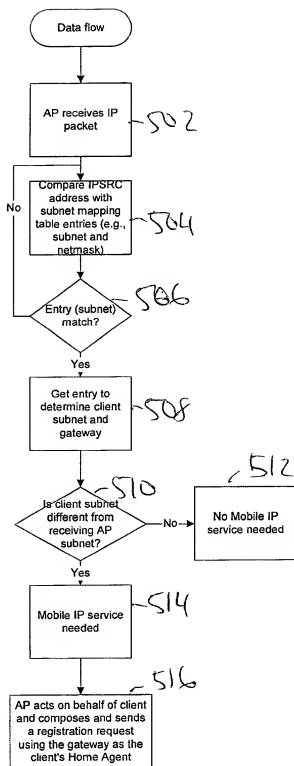


FIG. 5

Subnet mapping table

Subnet	netmask	gateway	AP IP address

FIG. 6

Active AP list

AP1 IP address
AP2 IP address
.
APN IP address

FIG. 7

20080905, 022002

changed AP. This AAP will send to all the APs the new entry using the ADD packet.

2.5.5 Packet Format

Unicast UDP will be the mechanism of choice for this. TLVs will be used within these packets for data. Right now there will only be one Type but this method allows for different uses of this packet format in the future.

T (16 bit)	L (16 bit)	AP Addr (32 bit)	Net Mask (32 bit)	GW Addr (32 bit)
812	814	816	818	820

← 810

The Type is

1 - Subnet Map Information

The ADD packet

Opcode = 1	Reserved	Total Length
802	804	806
Transaction ID 808		
TLVs 810		

← 800

FIG. 8

The REMOVE packet

Opcode = 2	Reserved	Total Length
902	904	906
Transaction ID 908		
TLVs 810		

← 900

FIG. 9

The GET requests packet

Opcode = 3	Reserved	Total Length
1002	1004	1006
Transaction ID 1008		

← 1000

FIG. 10

A printed version of this document is an uncontrolled copy.

DATA packets

1100
↓

Opcode = 4 1102	Reserved 1104	Total Length 1106
Transaction ID 1108		
TLVs 820		

FIG. 11

ACK packets

1200
↓

Opcode = 5 1202	Reserved 1204	Total Length 1206
Transaction ID 1208		

FIG. 12

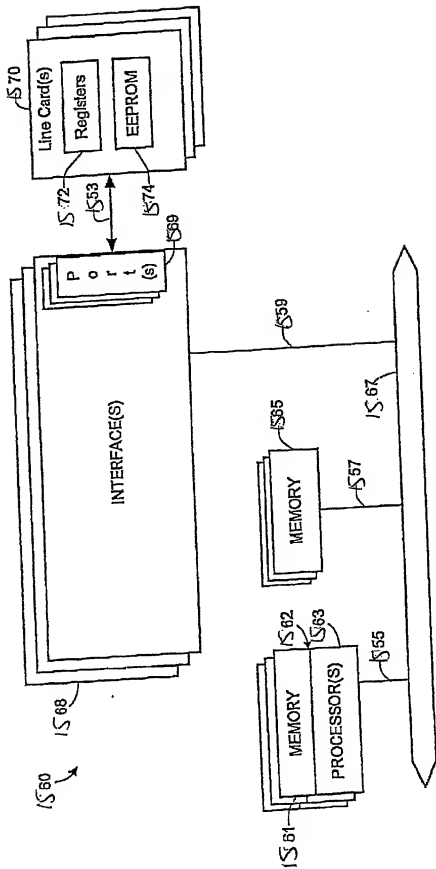
ERROR packets

1300
↓

Opcode = 6 1302	Error Code 1304	Total Length 1306
Transaction ID 1308		
Error String 1310		

FIG. 13

2002095608001 10080956022002



14
Figure 14